

Patent Claims

1. A method for managing operators of a telecommunications network (NET), which are members of an operator service, the network having a plurality of switching offices (VS1, VS2, ...), and, after an operator (OP1) has logged on to its home switching office (VS1) in a data channel, the operator (OP1) logs on to the peripheral line trunk group (LTG) of the operator via the data channel, characterized in that, after successful logging on, a request for remote logging on to a central master office (VS2) is transmitted a call number or call number table of virtual operators (VO1, VO2) located in the master office (VS2) is transmitted from the peripheral line trunk group (LTG) to the operator (OP1), the operator (OP1) initiates a voice link to a virtual operator (VO1) using the call number or call number table, and after the call link has been successfully set up, the request for remote logging on is transmitted from the home switching office (VS1) to the master office (VS2) by means of inter-office signaling, and is conveyed in said master office (VS2) to its coordination processor (COP), log-on confirmation data and data which is specific to the operator service is then loaded from the coordination processor (COP) and/or a peripheral line trunk group (LTG) of the master office (VS2) into the peripheral line trunk group (LTG) of the operator (OP1) in the home switching office (VS1) and from there into the operator's terminal, and a status report of the operator (OP1) is transmitted via a data channel to the peripheral line trunk group (LTG) of the home switching office and from there via inter-office signaling to the coordination processor (COP) of the master office (VS2).

2. The method as claimed in claim 1, characterized in that, after the remote logging on of the operator (OP1) to the master office (VS2), the local logging on to the home switching office (VS1) is terminated.

5

3. The method as claimed in claim 1 or 2, characterized in that the status report is not output until after a protection time following the successful remote logging on has expired.

10

4. The method as claimed in one of claims 1 to 3, characterized in that the data which is to be transmitted is transmitted from a peripheral line trunk group (LTG) of the master office (VS2) to the operator (OP1) via a channel other than the voice channel.

15

5. The method as claimed in one of claims 1 to 3, characterized in that the data to be transmitted is transmitted via a voice channel which has been set up between the operator (OP1) and a virtual operator (VO1, VO2) using a data link program.

20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95

6. The method as claimed in one of claims 1 to 5, in which the communications network (NET) is an ISDN network, the data channel is the D channel and the voice channels are B channels.

7. The method as claimed in claim 6, characterized in that the inter-office signaling system is an ISUP signaling system.

ADD A17